

**STATEMENT OF WORK
FISH RACEWAY OR TANK (398)
TENNESSEE**

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

DESIGN

Deliverables:

1. Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other planned and applied practices.
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. List of required (applicable) permits to be obtained by the client (e.g., 404, ARAP, TVA26A, NPDES).
 - c. Compliance with NRCS national and state utility safety policy (National Engineering Manual (NEM), Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities, 503.00 through 503.06).
 - d. Practice standard criteria related computations and analyses to develop plans and specifications including, but not limited to:
 - i. Geology and Soil Mechanics (NEM Subpart 531a).
 - ii. Hydrology/Hydraulics and Appurtenance design.
 - iii. Water quantity and quality.
 - iv. Structural.
 - v. Environmental considerations, including a resource inventory and environmental evaluation supported by a completed TN-CPA-25.
 - vi. Safety Considerations (NEM Part 503 - Safety, Subpart A, 503.10 through 503.12).
2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
3. Design Report and Inspection Plan as appropriate (NEM Part 511, Subpart B Documentation, 511.11 and Part 512, Subpart D Quality Assurance Activities, 512.30 through 512.32).
4. Operation and Maintenance Plan.
5. Certification that the design meets practice standard criteria and complies with applicable laws and regulations [NEM Subpart A, 505.03 (a) (3)].
6. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Documentation of pre-installation conference with client and contractor.
2. Verification that client has obtained required permits.
3. Documentation of staking and layout according to plans and specifications, including applicable layout notes.
4. Installation inspection (according to inspection plan, as appropriate).
 - a. Actual materials used (Part 512, Subchapter D Quality Assurance Activities, 512.33).

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- b. Inspection records.
5. Facilitate and implement required design modifications with client and original designer.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
7. Certification that the installation method and materials meet design and permit requirements.

CHECK OUT

Deliverables

1. As-built documentation.
2. Extent of practice units applied.
3. Drawings.
4. Final quantities.
5. Certification that the installation meets NRCS standards and specifications and is in compliance with permits [NEM Subpart A, 505.03(c)(1)].
6. TechPRS progress report printout at <http://techprs.sc.egov.usda.gov>.

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Fish Raceway or Tank (398).
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook.
- NRCS Cultural Resources Handbook.
- Tennessee Environmental Permitting Handbook
(www.state.tn.us/environment/permits/index.html).